

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

FEB 16 1982

DPM 6053

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME E. I. du Pont de Nemours & Co., Inc.		EMERGENCY TELEPHONE NO. (302) 774-7500
ADDRESS (Number, Street, City, State, and ZIP Code) DuPont, F&F Wilmington, Delaware 19898		
CHEMICAL NAME AND SYNONYMS N.A.	TRADE NAME AND SYNONYMS N.A.	
CHEMICAL FAMILY Stencil Paste - Black	FORMULA 23-793 (10/18/76)	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VOLATILE Approx.		PPM	METALLIC COATINGS		
SOLVENTS Aromatic Pet. Dist**	16	100	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIONAL Aliphatic Pet. Dist*	2	400	OTHERS		
OTHERS			Approximate		
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Lead from drier on total wt. of solids				.3	0.15

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	Approx. Range	275-426	SPECIFIC GRAVITY (H ₂ O=1)	1.12
VAPOR PRESSURE (mm Hg.)	Principal Solvent	10.0	PERCENT VOLATILE BY VOLUME (%)	22
VAPOR DENSITY (AIR=1)	Principal Solvent	3.7	EVAPORATION RATE (___ Ether ___ =1)	Slower than Ether
SOLUBILITY IN WATER	Negligible			
APPEARANCE AND ODOR	Viscous black paste; mild solvent odor			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	Between 100 & 140 F (C.C.)	FLAMMABLE LIMITS	Approximate	LeI	UeI
				1.0	7.0
EXTINGUISHING MEDIA	Foam, Carbon Dioxide, Dry Chemical				
SPECIAL FIRE FIGHTING PROCEDURES	Water from fog nozzles may be used to cool closed containers to prevent pressure build-up when exposed to extreme heat.				
UNUSUAL FIRE AND EXPLOSION HAZARDS	N.A.				

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	*By analogy to Heptane & Octane See Section II ** " " " Xylene
EFFECTS OF OVEREXPOSURE	Headache, nausea, impairment of reaction time and coordination
EMERGENCY AND FIRST AID PROCEDURES	
Inhalation - Move to fresh air to restore breathing.	
Skin contact - Wash with soap and water. Remove contaminated clothing.	
Eye contact - Flush with water for at least 15 minutes; call a physician	

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	N.A.
INCOMPATIBILITY (Materials to avoid) None reasonably foreseeable			
HAZARDOUS DECOMPOSITION PRODUCTS CO, CO ₂ , Smoke and oxides of lead			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	N.A.

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
Avoid prolonged contact with skin and breathing of vapor.	
Remove sources of ignition. Remove with inert absorbent and non-sparking tools.	
Ventilate area.	
WASTE DISPOSAL METHOD	Disposal method must comply with Local, State, and Federal Regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION			
Use adequate ventilation. A cartridge-type respirator, used in accordance with the			
RESPIRATORY PROTECTION (Specify type) manufacturer directions is recommended if engineering and administrative controls of air contaminants is not feasible.			
VENTILATION	LOCAL EXHAUST	Provide sufficient ventilation to keep	SPECIAL Remove sources of ignition
	MECHANICAL (General)	below given TLV & LEL	OTHER N.A.
PROTECTIVE GLOVES		EYE PROTECTION	
Use for prolonged or repeated contact		Use safety eyewear to prevent splashes	
OTHER PROTECTIVE EQUIPMENT Use appropriate industrial hygiene practices			

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
Keep away from heat, sparks, and open flame. Close container after each use.	
Do not store above 120°F.	
OTHER PRECAUTIONS	
Wash thoroughly after handling and before eating or smoking.	
Observe Label Precautions. Containers should be grounded when pouring.	

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NOTICE FROM DUPONT

GPO 930-340

"The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process."

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